

10/560979

IAP9 Rec'd PCT/PTO 16 DEC 2009

Customer No. 22,852
Attorney Docket No. 04173.0502

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Hideshige MORIYAMA, et al.)
) Group Art Unit:
Application No.: Not Yet Assigned)
) Examiner:
Filed: December 16, 2005)
)
For: **SYSTEM AND METHOD FOR**)
RECOVERING CARBON)
DIOXIDE IN EXHAUST GAS)

**U.S. NATIONAL PHASE OF INTERNATIONAL APPLICATION NO.
PCT/JP2004/008616**

MAILSTOP PCT

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO/SB/08 and cited in the international search report. Copies of the listed foreign patent and non-patent literature documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO/SB/08 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed with the above-referenced application.

The following are listed on the accompanying PTO/SB/08 and are in a non-English language:

1. Japanese Patent Application No. 2000-296311 discloses absorption of SO_x, NO_x and CO₂ from exhaust gases wherein SO_x, NO_x and CO₂ form crystals by neutralizing with an absorbent. The crystals are heated and decomposed to regenerate the absorbent. An English language abstract of this document is enclosed.

2. Japanese Patent Laid-Open Application No. 2002-126439 - The relevance of this document is discussed at page 3 of the specification of the present application. An English language abstract of this document is also enclosed.

3. Japanese Patent Application No. 04-190831

4. Japanese Patent Application No. 03-038219

5. Japanese Patent Application No. 05-023535

6. Japanese Patent Application No. 05-111614

7. Japanese Patent Application No. 50-36374

8. Japanese Patent Application No. 06-211528

9. Japanese Patent Application No. 61-146318

10. Japanese Patent Application No. 06-210129

11. Japanese Patent Application No. 63-036815

12. Japanese Patent Application No. 04-290526

13. World Intellectual Property Organization Publication No. 01/05489 A1

An English-language abstract of documents 1-6, 8 and 10-13 is enclosed.

In lieu of a statement of relevance or the translation of non-English documents 2-13 above, enclosed is an English-language international search report from the Japanese Patent Office in the PCT international application, from which this national phase U.S. application is derived, citing these documents and setting forth the relevance thereof.

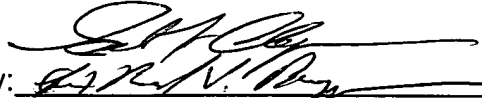
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please
charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: December 16, 2005

By: 
Richard V. Burgujian
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Enclosures
RVB/FPD/rac

ERNEST F. CHAPMAN
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Complete if known

Substitute for form 1449A/PTO				INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	
Sheet		1	of	1	Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number
					December 16, 2005 Hideshige MORIYAMA 04173.0502

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-2003/0045756 A1	03-06-2003	MIMURA, ET AL.	
		US-			

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
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		JP 06-211528	08-02-1994	HARASHINA		ABSTRACT
		JP 61-146318	07-04-1986	IMPERIAL CHEMICAL INDUSTRIES PLC		NO
		JP 06-210129	08-02-1994	TANAKA, ET AL.		ABSTRACT
		JP 63-036815	02-17-1988	TAKEUCHI, ET AL.		ABSTRACT
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		JP 2002-126439	05-08-2002	MIMURA, ET AL.		ABSTRACT
		EP 0 193 677 A2	09-10-1986	LANGLEY, ET AL.		
		EP 1 334 759 A1	08-13-2003	MIMURA, ET AL.		
		WO 01/05489 A1	01-25-2001	EBARA CORP.		ABSTRACT
		EP 1 201 290 A1	05-02-2002	SU, ET AL.		
		CA 2 379 709 A1	01-25-2001	MIYOSHI, ET AL.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		Nii, et al., "Regeneration of CO ₂ Absorbent, DEA-Carbonate Solution by NaHCO ₃ Precipitation with Na ₂ CO ₃ Addition, Journal of Chemical Engineering of Japan, Vol. 30, No. 4, pp. 766-769, (February 27, 1997)	

Examiner Signature		Date Considered	
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